INFORMATION REPORT

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COUNTRY Germany (Russian Zone)

DATE DISTR 23 April 1952

SUBJECT HF Plant for Telecommunications in Berlin-Oberschoeneweide

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SUPPLEMENT TO REPORT NO. [redacted]

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THIS IS UNEVALUATED INFORMATION

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1. [redacted] a total of 2,250,000 eastmarks were invested in the "HF" Plant for Telecommunication in Berlin-Oberschoeneweide in 1951. Eighty percent of this amount was used for tube production. Based on the planned prices, the turnover of the plant was 36,700,000 eastmarks for the period from 1 January 1951 until November 1951.

2. The 1951 quota of 40,000 tube sets for the T-2 television set was to be achieved by 15 December, and it was planned to produce an additional 3,000 tube sets by the end of the year as replacements for non-acceptable tubes.

3. The following delivery schedule of testing equipment for November and December was announced on 22 November 1951:

2 testing wires (Messleitungen) for 8 to 25 cm

3 power measuring devices (Leistungsmessender) for 2.2 to 9 cm

5 test transmitters LD 11 (Pruefsender)

3 test transmitters LD 7

7 goniometers (Verlustwinkelmesser)

7 field intensity meters (Feldstaerkemesser), 8 to 12 cm.

The control frequency (Kontrollfrequenz) of these instruments will allegedly be changed from 10.5 cm to 9.3 cm. Therefore, American Clystrons (sic) 762 a are to be used. The frequency ranges are from 8 to 10 cm and from 10 to 12 cm. At present, there are still difficulties in the adjustment of the parabolic reflector.

4. On 22 November 1951, the department was ordered to produce the following items in December:

870 km of molybdenum wire

230 km of tungsten - MS - wire (sic)

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350 km of tungsten - DSD - wire (sic).

120 km of tungsten - ICD - wire (sic) for the MET Radio plant in Bifore.

640 km alloy wire, including copper-nickel wire, nickel wire and Gilfos wire (sic).

5. In October 1951, ciphering machines for WT teletypes were allegedly stolen from the department for the production of radio-telephony sets. Admittance to this department has been restricted.

6. On 20 October 1951, a laboratory for semiconductors was established in the test plant. It was manned by Dr. Ginger (fnu) and accounting department designation was No 119. In late December, Dr. Ginger sent a crucible containing silver and one gram of pulverized rhenium to the smelting department. This plant keeps a stock of pulverized rhenium.

7. In mid-November 1951, the first mica shipments from China arrived in the plant. However, the mica was not usable for tube production. In late November and in December 1951, substantial mica shipments came from the U.S.S.R. Those stocks were sufficient for current production. In early January 1952, there was a shortage of F2 iron (aluminum-plated sheet iron).

8. Herr Fruchmaier (fnu), an employee of the department for technical information in the plant, was ordered to study the technical periodicals on display in the America House. *

25X1 * [redacted] Comment. Information on the 1952 tube production program for the television set T2 has previously been reported. [redacted] 25X1
This report also indicated that ceramic parts supplied by the DAF Bacho-Kahla were used as a substitute for mica in the production of various types of tubes.

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